



CARGO MOVEMENT OPERATIONS SYSTEM (CMOS)

<https://www.gunter.af.mil/il/ilr/ilrc/>



Presented to:
DoDAAD PRC
Fairfax, VA 22031
18 Mar 2010

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I n t e g r i t y ... S e e n c e

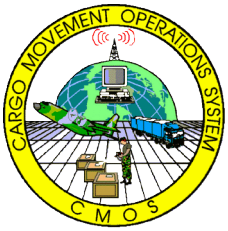


CMOS Implements Interface w/TRDM for DoDAACs

- **CMOS v7.3.1 - Due to NWRM Incident - New Requirement to receive DODAAC Standard References Table from TRDM - Worldwide Release Jun 10**

- **Automated DoD Activity Address Code - Department Of Defense Activity Address Code (DODAAC) updates. Interface with TRANSCOM Reference Data Management System (TRDM) to receive automated DODAAC updates ensuring accurate addressing information for shipment of NWRM assets.**

- **Why? - Original Rqmt had 30 Reference Tables included in the Requirement - One Source + CMOS DoDAAC has more than**



CMOS Encounters Numerous Data Quality Issues

- **User Evaluation Testing (UET) in Progress for 6 Air Force Sites (Hurlburt Field, Maxwell, MacDill, McGuire, Moody, & Travis AFBs)**
- **CMOS CV&I Testing - Data Quality Issues were identified**
 - **1st of All - CMOS is designed around its DoDAAC table - Major undertaking & effects almost every table within CMOS**
 - **SPLC & GBLOC missing -- TRDM resolved issue**
 - **Commercial Phone #s - Required Item for all Express Carrier Shipments - Unresolved**



CMOS Encounters Numerous Data Quality Issues

- **DoDAAD has 4 lines vs CMOS 3 lines - Major Impact to CMOS to expand to 4 lines - \$\$\$\$**
- **CMOS Design**
 - **TRDM - Provides 6 tables in xml format to populate CMOS DoDAAC table**
 - **TAC2 is sent, if one doesn't exist TAC1 is provided**
 - **CMOS handles 4 address lines in following manner:**

Line 1 is the Organization Name

Line 2 is ignored (this should be the equivalent of additional name)

Line 3 is the Organization Address

Line 4 is ignored in favor of the separated city, state (country), and zip from ~~DOD_ACT_USPS_ADD~~ or ~~DOD_ACT_NONUSPS_ADD~~ that are tied to the address record.



CMOS Encounters Numerous Data Quality Issues

DODAACs

TYPE: ☐ DODAAC: TENANT/CONSIGNEE IND: ☐ DOMESTIC(CONUS)/INTL(OCONUS) IND: ☐
MAIN DODAAC: TRDM: ☐ EXPIRATION DATE:

ORGN NAME: ADDRESS: BASE/CITY: ST/CO: ZIP: TERMINAL ID:
PHONE NUMBER: FAX NUMBER: ICAO:
ALT NUMBER: GBLOC: GEOLOC:
DSN NUMBER: SPLC:
CONTACT:

SPOE: ☐ APOE: ☐ COMMERCIAL: ☐ MAJCOM DODAAC:
SPOD: ☐ APOD: ☐ NAF DODAAC:

DEFAULT B/L MARKS/ANNOTATIONS:

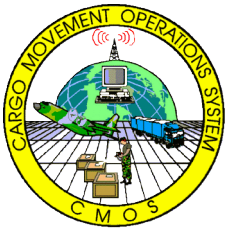
SHIPPER'S EXPORT DECLARATION INFORMATION

ISO COUNTRY: ISO STATE/PROVINCE: SED DOMESTIC/INTL IND: ☐



CMOS Encounters Numerous Data Quality Issues

- Not Standardized for Services
 - Air Force are entering Bldg & Room # in line2, & Street Addresses in line3 – we would like all the Service's DoDAAC Monitors follow this standard
 - Reason – Street Addresses are Required for Express Carrier Shipments
 - Majority of Air Force TMOs have Commercial Phone #s listed in line2 address, but hardly any of the other Services have a phone # listed – Should be a Required Field – Express Carrier Shipments



CMOS Encounters Numerous Data Quality Issues

- Extracted from DoDAAC Web Management System – Air Force DoDAAC:

DODAAC:	FB3300
Address Type:	1
Address Line 1:	FB3300 42 MSD SUPPLY
Address Line 2:	BLDG 1154 RCVG CP 334 953 5426
Address Line 3:	455 S KELLY ST
Address Line 4:	MAXWELL AFB AL 36112-6518
Zip Code:	36112-6518



CMOS Encounters Numerous Data Quality Issues

- Extracted from DoDAAC Web Management System – Army DoDAAC:
 - Ft Eustis is an Army CMOS site, but note Commercial # is listed in Line3 – Line 2 is it Bldg # or a Street Address?

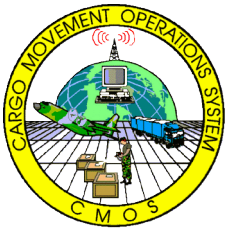
DODAAC:	W26DDJ
Address Type:	1
Address Line 1:	XU W6CN DIR OF LOGISTICS DOL PB01
Address Line 2:	BLDG 1610 PATCH ROAD
Address Line 3:	757 878 2106 OR 4970 DSN 826
Address Line 4:	FT EUSTIS VA 23604-1607
Zip Code:	23604-1607



CMOS Encounters Numerous Data Quality Issues

- Extracted from DoDAAC Web Management System – Army DoDAAC:
 - Ft Polk – Army ITO, No Commercial Number or DSN & Line3 has Base, St & Zip Code – Why didn't populate in Line4

DODAAC:	W42CXA
Address Type:	1
Address Line 1:	XR W0VF DOL TRANSPORTATION DIV
Address Line 2:	7585 VIRGINIA AVE BLDG 4374
Address Line 3:	FORT POLK LA 71459-7070
Address Line 4:	
Zip Code:	71459-7070



CMOS Encounters Numerous Data Quality Issues

- Extracted from DoDAAC Web Management System –USMC DoDAAC:
 - Camp Pendleton – CMOS USMC ITO site, No Street Address, Commercial Number or DSN

DODAAC:

Address Type:

Address Line 1:

Address Line 2:

Address Line 3:

Address Line 4:

Zip Code:

M00681

2

TRAFFIC MANAGEMENT OFFICE

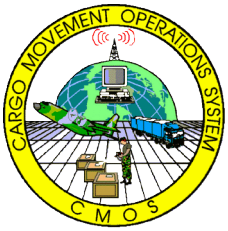
MARINE CORPS BASE MF

M00681

BLDG 2262

CAMP PENDLETON CA 92055-5001

92055-5001



CMOS Encounters Numerous Data Quality Issues

- Extracted from DoDAAC Web Management System – Navy DoDAAC:
 - Norfolk, VA – CMOS Navy ITO site, No Commercial Number or DSN

DODAAC:	N45627
Address Type:	2
Address Line 1:	NORFOLK NAVAL AIR TERMINAL
Address Line 2:	BLDG LP 205
Address Line 3:	8449 AIR CARGO RD
Address Line 4:	NORFOLK VA 23511-5000
Zip Code:	23511-5000